Specification
TEK500 Microwave Leakage Detector



ELECTRICAL

LED indication thresholds: 1, 5, 10 mW/cm²
Threshold accuracy: ±1dB for plane wave of all polarizations
Audible indication: >5mW/cm²
Frequency of operation: 2450 ± 25MHz
Response to step input change: <1 second
Overload capacity: 50mW/cm²

GENERAL

Power: 1 x 9V, PP3 alkaline battery (IEC 6LR61, NEDA 1604A)
Dimensions: 145 x 64 x 30mm
Distance from flat of conical spacer to field sensor: 50mm
Weight: Approx. 164g including battery
Includes: TM2 thermometer, 275mL beaker, 1 litre beaker, carry case, 1 x 9V battery, instructions

ENVIRONMENTAL

Operating conditions: Temperature: -5°C to 40°C
Relative humidity: 10 to 80% R.H.
Storage conditions: Temperature: -10°C to 50°C
Relative humidity: 0 to 80% R.H.

FUNCTIONALITY

Conforms to the routine testing requirements of BS EN 60335-2-25 and BS EN 60335-2-90 for a microwave leakage detector

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